

Data Handling / Statistics

“Which is the most popular letter in English?”

Instructions:

1. Write down your own guess.

My guess is _____ is the most popular letter in English.

2. Discuss with your group member / classmates and decide a method to solve this problem.
3. Action

Collecting Data (from random sample)

- a. Choose a book / journal / anything written in English
- b. Choose a page
- c. Count around 10-15 rows (~500-1000 characters)

Organizing Data (use a table)

- d. Record the data as a frequency table

Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Tally																										
Frequency																										
(Round off to the nearest tens)																										

- e. Enter the data in the spreadsheet prepared by teacher (click or copy the following link)

https://docs.google.com/a/vsa.edu.hk/spreadsheet/cc?key=0AkYzh1FHHFfAdDE3UndPaFhjUGFtTzlyOHZhWE83ZlE&usp=drive_web#gid=1

Presenting Data (with bar graph)

- f. Draw a bar graph with your class total results (round off to the nearest tens)

Analyzing and interpreting Data

- g. Compare the data collected by different classes
- h. Discuss the data, compare with your own guess, and make conclusion
- i. Use computer aided software to draw a bar graph of the total of 5 classes' data